



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 20, 2018

Robert MacDonald
Scientific & Regulatory Consultants, Inc.
201 W. Van Buren Street
Columbia City, IN 46725

Subject: Notification per PRN 98-10 – *Adding minor optional text and two additional Alternate Brand Names: 1. **Aquarian AlgaeFix Conditioner** 2. **Aquarian AlgaeFix Pond***
Product Name: Algaefix
EPA Registration Number: 8709-8
Application Date: 8/17/2018
Decision Number: 543985

Dear Mr. MacDonald:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

The following alternate brand names have been added to the product record:

- Aquarian AlgaeFix Conditioner
- Aquarian AlgaeFix Pond

If you have any questions, please contact Stacey Grigsby by phone at 703.305.6440, or via email at grigsby.stacey@epa.gov .

Sincerely,



Stacey Grigsby
Regulatory Risk Manager, 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

ALGAEFIX

[Aquarium Algaecide]

[Pond Algaecide]

[Products / designed / developed / with the / for the / specialist / in mind]

{Administrative note: This Master Label contains use directions for various size containers and may be marketed as sub-labels with some or all of the use sites given on this label}

[20% More FREE
9.6 oz at the 8 oz price
6 oz at the 4 oz price]

[GUIDE
Water Problem Solving
Regular Care / week / Algae / Control]

NOTIFICATION

8709-8

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/20/2018



- [Benefits / Tips:]
- [Will not harm // fish / turtles / or other / aquatic / or / semi-aquatic / reptiles / and / or / amphibians / pond / plants / as well as / surrounding wildlife / and / pets / when used as directed]
- [Works / fast / quickly / to control algae growth]
- [Controls many types of algae in / freshwater / vivariums / marine / reef / saltwater / aquariums / water gardens / container water gardens / Koi / and / goldfish / ponds / ornamental fountains / containing / live / plants / and / or / fish / reptiles / amphibians / while keeping water / clean / and / clear]
- [Controls many types of algae in marine / and / reef / aquariums containing live corals, invertebrates and fish]
- [/ for / use in / freshwater / vivariums / marine / reef / saltwater / aquariums / ornamental / ponds / fountains / containing / fish / and / live / plants]
- [Effectively / controls / green / water / pond / algae / algal / blooms / String / or/ Hair algae (*Cladophora*) / Blanketweed (*Oedogonium*) / Green algae]

- [Effectively controls many / most / types of / algae / on / in / aquariums / vivariums / ponds / glass / ornaments / and / plants]
 - [Helps resolve algae problems]
 - [Controls / unsightly / algae / growth / in / aquariums / vivariums / and / or / ponds]
 - [Reduces aquarium maintenance]
 - [Controls the formation of new algae]
 - [Proven to control algae / growth]
 - [Broad spectrum / fast acting / algae control]
 - [Why use / API / Pondcare / ALGAEFIX / ALGAE DESTROYER ADVANCED ?]
 - [Controls many types of algae in / outdoor / indoor / and / table-top / ornamental / fountains]
 - [**For indoor use**]
 - [For / algae / control / in the USA]
 - [Keeps / freshwater / marine / reef / saltwater / aquariums / and / Koi / and / goldfish / ornamental / ponds / water gardens / fountains / clean / and / clear]
 - [Helps remove Red Slime / algae]
 - [Does not alter / the / pH]
 - [Does not discolor / the / water / or / cause foaming]
 - [Does not contain copper]
 - [Great for GloFish / Betta / Goldfish / aquariums / tanks / bowls]
 - [PondCare is becoming API / Pond]
 - [Will not harm / use with / live / aquatic / pond / aquarium / plants / and / or / koi / goldfish / freshwater / vivariums / saltwater / marine / fish / turtles / or other aquatic / or semi-aquatic / reptiles / amphibians *{Following text authorized only for saltwater Algaefix offerings}* / and / or / corals / and / or / other / invertebrates]
- {Following bullet authorized only for saltwater Algaefix offering}*
- [Used / in salt water / aquariums / containing / will not harm / snails / clams / scallops / shrimp / anemones / sea cucumbers / coralline algae / feather dusters / corals / soft corals / hard corals / and other invertebrates]

ACTIVE INGREDIENT: Poly[oxyethylene(dimethyliminio)ethylene
(dimethyliminio)ethylene dichloride]

4.50%

OTHER INGREDIENTS:

95.50%

{for packages greater than 64 fl oz} Total: 100%

Keep Out of Reach of Children

CAUTION

See back panel for precautionary and first aid statements

[See blister card for precautionary and first aid statements, directions for use and storage and disposal information. Do not throw blister card away]

[See pullout / peel back / label for precautionary / first aid statements / directions for use / storage and disposal information / peel back here]

[To open / with one hand, push red tab left with thumb while unscrewing cap with free hand / squeeze both sides / of / the / cap and turn]

{Administrative Note: Wording found above the double line may appear on the front panel of the various sub-labels}

Net: *{actual volume of each package size is inserted here}*

[Treats 300 / U.S. / gallons / (1,134 l) / of / fresh / or / salt / water]

[Treats 370 / U.S. / gallons / (1,399 l) / of / fresh / or / salt / water]

[Treats 1,200 / U.S. / gallons / (4,536 l) / of / fresh / or / salt / water]
 [Treats 1,475 / U.S. / gallons / (5,575 l) / of / fresh / or / salt / water]
 [Treats 1,800 / U.S. / gallons / (6,804 l) / of / fresh / or / salt / water]
 [Treats 2,400 / U.S. / gallons / (9,072 l) / of / fresh / or / salt / water]
 [Treats 2,840 / U.S. / gallons / (10,735 l) / of / fresh / or / salt / water]
 [Treats 2,880 / U.S. / gallons / (10,900 l) / of / fresh / or / salt / water]
 [Treats 3,000 / U.S. / gallons / (11,340 l) / of / fresh / or / salt / water]
 [Treats 4,800 / U.S. / gallons / (18,144 l) / of / fresh / or / salt / water]
 [Treats 9,600 / U.S. / gallons / (36,288 l) / of / fresh / or / salt / water]
 [Treats 19,200 / U.S. / gallons / (72,576 l) / of / fresh / or / salt / water]
 [Treats 38,400 / U.S. / gallons / (145,152 l) / of / fresh / or / salt / water]
 [Treats 96,000 / U.S. / gallons / (362,880 l) / of / fresh / or / salt / water]
 [Treats 192,000 / U.S. / gallons / (725,760 l) / of / fresh / or / salt / water]

[Benefits: / Algaefix effectively controls these types of / freshwater / algae: Green or Green water algae (*Chlorella*) / Blue-Green algae (*Aphanizomenon*) / Black Beard algae (*Audouinella*) / String or Hair algae (*Cladophora*) / Blanket weed (*Oedogonium*) / in freshwater aquariums / ornamental ponds / fountains / containing live plants and fish.]

[Benefits: / Algaefix effectively controls these types of / saltwater / algae: Green algae (*Cladophora*) / “Red Slime” (*Oscillatoria* / *Spirulina major*) / “Brown Algae” (*Cyclotella*) / in marine aquariums / reef aquariums / saltwater aquariums / containing live corals, invertebrates and fish.]

[Algal / Algae / growth can appear as “green water” blooms / filamentous algae on plants / floating algal / algae / mats (blanket weed) / algae / brown / growth on aquarium glass / ornaments / rocks / fountains / waterfalls.]

{To maintain segmentation between individual brand names, five sets of "Directions" are provided. One of the following statements will be used on each applicable label}

Directions For Use *{for aquarium AlgaeFix and Algae Destroyer Advanced label}*

It is a violation of federal law to use this product in a manner inconsistent with its labeling. [For indoor aquarium use only] [Before use, read and follow all label directions / Use only in established aquariums at least / 4 / four / weeks old] [The most effective use of / AlgaeFix / is achieved by first cleaning the aquarium glass and ornaments / Trim plant leaves that are covered with algae / For best results remove activated carbon during treatment.] [Turtles / and / other / aquatic / reptiles / amphibians / can remain in the aquarium / vivarium / during treatment]. [Use / API / Dosing cap on bottle]. [Do not overdose.] Add *{the following two dosages are for 1.25 oz bottle}* [2 / two / drops / (0.1 ml) / per 1 / U.S. / gal / gallon / (3.8 L)] [5 / five / drops / (0.2 ml) / per 2 / U.S. / gal / gallons / (7.6 L)] *{the following dosages is for the 4 oz bottle}* [3 / three / drops / (0.2 ml) / for each 2 / U.S. / gal / gallons / (7.6L)] [7 / seven / drops / (0.5ml) / for each 5 / U.S. / gal / gallons / (19L)] [14 drops *{due to differences in applicator orifice the drops used will vary in packages of 4 ounces or less, see chart at end of label for drop dosage for each size container}*] [() 1 ml ()] / [() 1/5 tsp. ()] / empty contents into / for each / 10 U.S. / gallons / gals /

(38 L) [] [() 5 ml ()] / [() 1 / teaspoon / tsp. ()] / for each 50 U.S. gallons / gals / (190 L) [] [() 2 / teaspoons / tsp. ()] / [() 10 ml ()] / for each 100 U.S. gallons / gals / (378 L) [] [() 10 / teaspoons / tsp. ()] / [() 50 ml ()] / for each 500 gallons / gals / (1 890 L) [] [() ¼ cup ()] [() 60 ml ()] for each 600 gallons / gals / (2 275 L) [] [() 20 / teaspoons / tsp. ()] / [() 100 ml ()] / for each 1 000 gallons / gals / (3 780 L) [] [() ½ cup ()] [() 120 ml ()] for each 1 200 gallons / gals / (4 536 L) [] [() 2 cups ()] [() 480 ml ()] for each 4 800 gallons / gals / (18 144 L) [] of aquarium water. Repeat dose every / three / 3 / days until algae is controlled. Siphon or scrape any dead algae from aquarium. [As algae dies, remove as much of the dying algae as possible]. Once algal / algae / growth is under control, add one dose per week. Weekly doses will control algal / algae / growth and reduce aquarium maintenance. **CAUTION:** Do not use with freshwater crustaceans, including: shrimp, crabs and lobsters.

[Dose	1 ml	5 ml	10 ml	¼ cup/60 ml
Gallons treated	10 / U.S. / Gallons	50 / U.S./ Gallons	100 / U.S./ Gallons	600 / U.S./ Gallons]

Directions For Use {for saltwater AlgaeFix label}

It is a violation of federal law to use this product in a manner inconsistent with its labeling. [Before use, read and follow all label directions] [Use only in established aquariums at least / 4 / four / weeks old] [The most effective use is achieved by first cleaning the aquarium glass and ornaments. For best results remove activated carbon during treatment.] [Use / API / Dosing cap on bottle]. [Do not overdose.] Add [14 drops] {due to differences in applicator orifice the drops used will vary in packages of 4 ounces or less, see chart at end of label for drop dosage for each size container} / [() 1 ml ()] / [() 1/5 tsp.()] / for each 10 U.S. gallons (38 L) / [() 5 ml ()] / [() 1 / teaspoon / tsp. ()] / for each 50 U.S. gallons (190 L) / [() 2 / teaspoons / tsp. ()] / [() 10 ml ()] / for each 100 U.S. gallons (378 L) / [() 10 / teaspoons / tsp. ()] / [() 50 ml ()] / for each 500 gallons (1 890 L) / [() ¼ cup ()] / [() 60 ml ()] for each 600 gallons (2 275 L) / [() 20 / teaspoons / tsp. ()] / [() 100 ml ()] / for each 1 000 gallons (3 780 L) / [() ½ cup ()] [() 120 ml ()] for each 1 200 gallons (4 536 L) / [() 2 cups ()] [() 480 ml ()] for each 4 800 gallons (18 144 L) [] of aquarium water. Repeat dose every [three / 3] days until algae is controlled. Siphon or scrape any dead algae from aquarium. [As algae dies, remove as much of the dying algae as possible]. Once algal / algae / growth is under control, add one dose per week. Weekly doses will control algal / algae / growth and reduce aquarium maintenance.

[Dose	1 ml	5 ml	10 ml	¼ cup/60 ml
Gallons treated	10 / U.S. / Gallons	50 / U.S./ Gallons	100 / U.S./ Gallons	600 / U.S./ Gallons]

Directions For Use {for pond AlgaeFix and Algae Destroyer Advanced label}

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For ornamental / synthetically lined / pond / and / or / fountain / use only, where all water is contained without any outflow. [Before use, read and follow all label directions / Use only in established ponds at least / 4 / four / weeks old] **Warm weather caution:** Before using, make certain that the pond / and /or / fountain / has vigorous aeration, i.e., a fountain or aeration device [to avoid fish loss due to low oxygen levels]. When algae is controlled and removed by the filter or settles to the bottom of the pond, the oxygen level may drop to harmful levels if adequate aeration is not provided. In warm weather, pond water carries much less oxygen. Therefore, when using during warm weather and high

water temperatures, vigorous, 24 hour aeration is required for the duration of the treatment. Do not shut off pond pumps and aeration devices at night. [Use / API / Dosing cap on bottle] [To ensure accurate dosing, determine pond volume before use] [Do not overdose.] Add [() 5 ml ()] / [() 1 / teaspoon / tsp. ()] / for each 50 U.S. gallons (190 L) / [() 2 / teaspoons / tsp. ()] / [() 10 ml ()] / for each 100 U.S. gallons (378 L) / [() 10 / teaspoons / tsp. ()] / [() 50 ml ()] / for each 500 gallons (1 890 L) / [() ¼ cup ()] [() 60 ml ()] for each 600 gallons (2 275 L) / [() 20 / teaspoons / tsp. ()] / [() 100 ml ()] / for each 1 000 gallons (3 780 L) / [() ½ cup ()] [() 120 ml ()] for each 1 200 gallons (4 536 L) / [() 2 cups ()] [() 480 ml ()] for each 4 800 gallons (18 144 L)] of [pond / fountain] water. Thoroughly mix into [pond / fountain] water by adding near the pump outflow, waterfall, or aeration device. It can be mixed in a bucket of [pond / fountain] water and dispersed evenly around the [pond / fountain]. Repeat dose every / three / 3 / days until algae is controlled. Be prepared to siphon out dead filamentous algae. [Siphon out dead algae as it dies in the pond and filter to avoid fish being deprived from oxygen]. Once algal / algae / growth is under control, add one dose per week [dose weekly / to keep pond or fountain clean and clear to reduce maintenance]. [As algae dies, remove as much of the dying algae as possible] [Thoroughly mix into pond water by adding near the pump outflow or mix in a bucket of pond water before distributing evenly around the pond]. Weekly doses will control algal / algae / growth and reduce [pond / fountain] maintenance. **CAUTION:** Do not use with freshwater crustaceans, including: shrimp, crabs and lobsters.

[Dose	1 ml	5 ml	10 ml	¼ cup/60 ml
Gallons treated	10 / U.S. / Gallons	50 / U.S./ Gallons	100 / U.S./ Gallons	600 / U.S./ Gallons]

Directions For Use *{to be used for a label having both aquarium and pond claims}*

It is a violation of federal law to use this product in a manner inconsistent with its labeling. For synthetically lined pond / and / or / fountain / use only, where all water is contained without any outflow. **Warm weather caution:** Before using, make certain that the pond has vigorous aeration, i.e., a fountain or aeration device to avoid fish loss due to low oxygen levels. When algae is controlled and removed by the filter or settles to the bottom of the pond, the oxygen level may drop to harmful levels if adequate aeration is not provided. Therefore, when using during warm weather and high water temperatures, vigorous, 24 hour aeration is required for the duration of the treatment. Do not shut off pond pumps and aeration devices at night. [Do not overdose.] Add 1 ml / 1/5 tsp / for each 10 U.S. gallons (38 L) / 5 ml / 1 tsp / for each 50 gallons (190 L) / 10 ml / 2 tsp / for each 100 gallons (378 L) / 50 ml / 10 tsp / for each 500 gallons (1890 L) / ¼ cup / 60 ml / for each 600 gallons (2 275 L) / of [aquarium / pond] water. Thoroughly mix into / pond / water by adding near the pump outflow, waterfall, or aeration device. It can be mixed in a bucket of pond water and dispersed evenly around the pond. Repeat dose every 3 days until algae is controlled. Siphon or scrape any dead algae from aquarium. Be prepared to siphon out dead filamentous algae. Once algal growth is under control, add one dose per week. Weekly doses will control algal growth and reduce / aquarium / pond / maintenance.” **CAUTION:** Do not use with freshwater crustaceans, including: shrimp, crabs and lobsters.

Directions For Use *{for fountain label}*

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For best results, start with a clean fountain. Scrub away algae and dirt, rinse, and fill with clean water.

[Use / API / Dosing cap on bottle] [Do not overdose.] Add [14 drops] *{due to differences in applicator orifice the drops used will vary according to package size, see chart at end of label for drop dosage for each size container}* / [() 1 ml ()] / [() 1/5 tsp.()] / for each 10 U.S. gallons (38 L) / [() 5 ml ()] / [() 1 / teaspoon / tsp. ()] / for each 50 / U.S. / gallons / (190 L)] of water. Repeat dose once a week to keep fountains clean and clear [dose weekly / to keep fountain clean and clear to reduce maintenance]. Add a dose every time you change water in the fountain. Weekly doses will control algal / algae / growth and reduce fountain maintenance.

[Dose	1 ml	5 ml	10 ml	¼ cup/60 ml
Gallons treated	10 / U.S. / Gallons	50 / U.S./ Gallons	100 / U.S./ Gallons	600 / U.S./ Gallons]

PRECAUTIONARY STATEMENT: HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID: IF SWALLOWED, call a Poison Control Center (1-800-222-1222) or Doctor immediately for treatment advice. IF ON SKIN, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or Doctor for Treatment advice. IF IN EYES, hold eye open and gently flush with water for 15 minutes.

STORAGE AND DISPOSAL:

Store in a cool, dry place. Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. If not, rinse thoroughly before disposing in trash.

EPA Reg. No. 8709-8

EPA Est. No. 8709-PA-1

[Manufactured & Distributed by:]

Mars Fishcare North America, Inc.
[50 / E / East / Hamilton Street / St]
[PO Box 218]
Chalfont, PA 18914

[[©][™][®] Trademarks of Mars Fishcare North America, Inc.] [MADE IN USA]

[Questions or comments? / For more information / contact our Technical Services Department / call / us / at / 1-800-847-0659 **[in North America]** / or visit / us / on the web / our web site / at /

www.marsfishcare.com / www.pondcare.com / www.apifishcare.com]

[Calculate the volume of your pond before using / ALGAEFIX / ALGAE DESTROYER ADVANCED / by visiting www.apifishcare.com / www.pondcare.com / www.marsfishcare.com]

[Calculate the volume of your pond before using / ALGAEFIX / by visiting www.pondcare.com / www.apifishcare.com / www.marsfishcare.com. You can also use the following: Avg. length (feet) x Avg. width (feet) x Ave. Depth (feet) = cubic feet of water. Cubic feet of water x 7.5 = number of gallons]

[API MAKES POND CARE EASIER /SIMPLER / Helping pond owners maintain clean / clear water / and healthy / active / fish is our goal at API / Visit www.apifishcare.com / www.apipond.co/us / to view our Easy Care Guide / as well as / for pond tips / and an easy-to-use calculator to estimate the size of your pond for better / easier / pond care]

{Number of drops per 10 gallons based upon package size}

{1 oz size : Dose =} [14 drops (1 ml)]

{1 ¼ oz size: Dose =} [25 drops (1 ml)]

{4 oz size: Dose =} [14 drops (1 ml)]

*{Administrative note: any language which appears between { } and is italicized will **NOT** appear on final printed labels. Any language that appears between [] and/or is separated by a front slash (/) is considered interchangeable language and may or may not appear on final printed labeling}*